

**PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE , DIRECTORATE OF
AGRICULTURE DEVELOPMENT AND FARMERS' WELFARE,
VIKAS BHAVAN, THIRUVANANTHAPURAM**

(Present : Dr.K.Vasuki IAS)

Sub: Annual Plan 2020-21 – Scheme for **Production and Distribution of Quality Planting Materials** – Continuous Administrative Sanction accorded – orders issued.

- Read: 1) G.O.(Rt) No. 803/2017/AD dated.19.08.2017
2) Order No. 12931/2019 dated: 13.05.2019
3) G.O(Rt) No.1201/2019/AGRI dated 09.12.2019
4) G.O(Rt)No.766/2019/AGRI dated 09.08.2019
5) G.O(Rt) No.621/2019/AGRI dated 05.07.2019
6) Annual Plan 2020-21
7)Circular No. S.S.1/132 (1)/2020/Fin dated. 30.3.2020.
8) Circular no.21/2020/Fin dated.08.04.2020.

Order No. ADFW/489/2020-TP2

Dated: 15.06.2020

Government of Kerala, vide order read 1st above accorded Administrative sanction for the implementation of the scheme, "Production and Distribution of Quality Planting Materials" during 2017-18 and vide reference 2nd cited continuous Administrative Sanction was accorded for an amount of Rs.1488.65378 lakhs under head of account 2401-00-104-91(P) and Rs.616.47788 lakhs under head of account 4401-00-104-98(P) during 2019-20. In addition administrative sanctions were obtained for an amount of Rs.87.816 lakh for the component 'Rooted planting material production including rooted pepper cuttings through KVK Ambalavayal and KVK Kannur', Rs.33.00 lakhs for component 'Kerasamrudhi' and Rs.150.00 lakh for 'Planting material production through VFPCCK' vide references 3rd, 4th and 5th read above.

During the financial year 2020-21, there is a budget provision of Rs.1870.00 lakh under the Head of Account 2401-00-104-91 P and Rs.51.00 lakhs under Head of Account 4401-00-104-98 P for the scheme. Out of this, the following amounts were allotted for the purposes given below:

(Rs. In lakh)

Sl.No.	Head of account (P)	Amount allotted for encashment of bills not e-submitted to treasury upto 31.3.2020 and can be submitted on or before 18/4/2020 (as per circular cited (5) above	Amount allotted for encashment of 'Queue' bills & WAMS clearance bills of 2019-20as per circular cited (6) above	Total
1	2401-00-104-91	111.04264	394.86594	505.90858
2	4401-00-104-98	10.00	41.00	51.00
	Total	121.76804	757.10202	556.90858

Hence the balance available for issuing Administrative sanction during 2020-21 as stipulated in the above mentioned circulars, as follows:

(Rs. In lakh)				
Sl.No.	Head of account (P)	Budget provision	Amount already allotted as per table above	Balance available for issuing Administrative sanction
1	2401-00-104-91	1870.00	505.90858	1364.09142
2	4401-00-104-98	51.00	51.00	0.00
	Total	1921.00	878.87006	1364.09142

An abstract of the details of continuing components during 2020-21 for an amount of Rs.1144.61142 lakh is furnished below.

Sl. No.	Components	Amount (₹ in lakh)
		2401-00-104-91
1	Routine Planting material production including rooted pepper cuttings	588.25
2	Kerasamrudhi	314.00
3	Maintenance of progeny orchards & establishing new progeny orchards	47.36142
4	Seed production programme in State Seed Farms	150.00
5	Operation and technology support to demonstration units for HTF units	20.00
6	Integrated Farming System in Department farms	10.00
6	Manpower support to the TC labs	15.00
	TOTAL	1144.61142

The details of continuing components for 2020-21 is as follows.

1. Routine Planting Material Production Including rooted pepper cuttings

(Rs.588.25 lakhs)

This component is envisaged to meet the requirement for routine activities of special farms, transferred farms and production of rooted pepper cuttings including transportation cost of pepper cuttings.

a) Special farms and Transferred farms (Rs.376.25 lakh)

The main objective of this component is to transform the farms under the Department of Agriculture into model, market-oriented agricultural units. The major share of the scheme is proposed for the following purposes :

1. Purchase of inputs for production of planting materials and for maintenance of existing crops including machinery and irrigation components.
2. For meeting the input costs and gap filling needs including implementing minor works and transportation charges in special farms.
3. For meeting the travel and fuel expenses.

Sl. No.	Item	Amount (Rs.in lakhs)
1	Input cost and minor works of special farms including transportation charges	335.19262
2	Gap filling needs of farms transferred to LSGDs including transportation charges	23.65
3	Fuel and travel expenses	
	Tour TA	8.14631
	POL	7.01107
4	Operational support at HQ (conduct of review meetings, purchase of computers and accessories etc.)	2.25
	Total	376.25

An amount of **Rs.376.25 lakhs** is earmarked for this purpose.

b) Production of rooted pepper cuttings (Rs.212.00 lakhs)

Good quality, high yielding varieties of pepper cutting are to be produced in farms for distributing to farmers through Krishi Bhavans. It is proposed to produce 66.66 lakh nos. of rooted pepper cuttings in department farms during 2020-21. The existing inputs and facilities in farms can be utilized for the production of rooted pepper cuttings.

The estimated cost of rooted pepper cuttings in department farms is calculated as Rs. 3/- per cutting. Physical target proposed is 66.66 lakh nos. and **Rs.200.00 lakhs** is required for this purpose. The amount will be utilized to meet the cost of mother vine, potting mixture, cost of poly bags and other inputs for plant protection activities. The cost of mother vine is fixed as Rs. 5/- metre.

Transportation Cost : The rooted pepper cuttings produced in farms are to be transported to various Krishi Bhavans in the State. An amount of **Rs. 12.00 lakhs** is needed for this purpose.

The total fund requirement for the production of rooted pepper cuttings, including transportation cost works out to **Rs.212.00 lakhs**.

2) Kerasamrudhi (Rs.314.00 lakhs)

The main objective of Coconut Council in Kerala is rejuvenation and replanting of coconut palms in Kerala in order to revitalize the coconut industry. Implementation of programme/projects envisaged through Coconut Council is envisaged as part of this component. So the component 'Kerasamrudhi' has an important role, since it aims the

production of semi tall/dwarf varieties of coconut to cover at least 25% area under cultivation of dwarf varieties of coconut that is fit for both culinary purpose and oil extraction. This is needed to overcome the difficulties faced by cultivators in the harvesting of nuts, especially due to labour shortage. Enhanced production and productivity is also aimed.

The objectives of the programme are enlisted below

- Implementation to bring 25% area under cultivation of dwarf varieties of coconut that is fit for both culinary purpose and oil extraction.
- Implementation to bring 10% area under cultivation of hybrid varieties of coconut.
- Implementation to raise mother gardens of promising dwarf coconut palms in 50 ha in selected departmental farms for seed nut production.
- Implementation to raise germplasm of promising dwarf palms in 10 ha in selected department farms for hybridization programme.
- Implementation to generate skilled labour for hybridization programme.
- Implementation to supply WCT coconut seedlings to meet the existing demand.
- Implementation to increase the production and productivity of coconut in the State.

An amount of **Rs. 314.00 lakhs** has been proposed for the implementation of the scheme – Kerasamrudhi during 2020-21. The following components are proposed for the same. *As per the G.O. (Rt.) No.1144/2018/Agri dt 19/11/2018 the procurement rate for WCT / dwarf seed nuts is Rs. 70/nut and for hybrid seed nuts is Rs.75/nut.*

a) Procurement of dwarf seed nuts (Rs.0.70 lakhs)

After the harvest of the day is over, the Agricultural Assistants should physically verify the total number of nuts recorded in the field note book. This must tally in all the cases. The Agricultural Assistants should post their entries in the mother palm register maintained in the office on the same day itself. Under no circumstances this should be postponed. Over writing or erasing should not be made both in the field note book and in the mother palm registers.

Care should be taken in the selection of good quality seed nuts. Only fully matured, medium sized will be selected. Fruit weight should be more than 400 g and spherical or oblong in size and shape. Undersized and oversized nuts should be rejected at the time of inspection of harvest and also while loading the seed nuts in Lorries for despatch.

As soon as the nuts are selected, the same should be sealed using sealing hammers on the entire segment at the distal end of the nuts. Seed nuts without sealing should not be taken for sowing and the same will be rejected and returned. In case the seed nuts are to be rejected the sealing should be cancelled by sealing cross wise over the seal already marked.

Harvesting of seed nuts by farmers will be done under the direct supervision of Agricultural Assistants in Krishi Bhavans and selected nuts should be sealed and stored as per the procedure at one point. The Agricultural Officers/ Agricultural Field Officers should monitor the programme at Panchayat/Municipality/Corporation level and inform the progress to the Assistant Director of Agriculture concerned. The Dwarf coconut seed nuts

thus harvested will be procured from farmers @ Rs. 70/- per nut. Proper registers and records must be kept at the Krishi Bhavans in connection with the procurement of seed nuts and payment of seed nut cost to farmers.

Since the seed nuts need to be sown within 15- 20 days, it shall be ensured that the dwarf seed nuts procured reach the Coconut Nurseries/Farms where the nuts are to be sown within this time limit. The Staff at Krishi Bhavan/ Assistant Director of Agriculture/ Farm Officers/ Deputy Director of Agriculture should be vigilant on this aspect at appropriate level. Transportation cost will also be provided for seed procurement based on store purchase rules.

An amount of **Rs.0.70 lakhs** is earmarked for procurement of **1000 no.s** of dwarf seed nuts @ Rs.70/- per seed nut.

Procurement will be done at selected centres under the Department of Agriculture, viz. Model Hybridization Centre at Chalode - Kannur and Chavakkadu - Thrissur, and Seed Garden Complex, Munderi - Malappuram.

b) Procurement of hybrid seed nuts (Rs.37.50 lakhs)

Hybridization activities are carried out in superior dwarf coconut mother palms identified in farmer's field for the production of hybrid seed nuts. It is expected that approximately **0.5 lakh nos.** of hybrid seed nuts are expected to be available for procurement during 2020-21. An amount of **Rs.37.50 lakhs** is set apart for this purpose. The Agricultural Officers at Krishi Bhavan will procure the quality Hybrid seed nuts as per the guidelines given in the Package of Practices, Kerala Agricultural University/Manual for Coconut Nurseries from the palms already hybridized in farmer's field @ **Rs.75** per hybrid seed nut.

Procurement will be done at selected centres under the Department of Agriculture, viz. Model Hybridization Centre, Chalode - Kannur, Chavakkadu - Thrissur, and Seed Garden Complex, Munderi - Malappuram from Kannur, Kozhikode, Thrissur, and Malappuram.

c) Procurement of WCT seed nuts (Rs.252.00 lakhs)

Considering the longevity of tall coconut palms, yield, quantity and high oil content, there is constant demand among the farmers for WCT coconut seedlings. Moreover, the Department of Agriculture has been producing and distributing quality tall coconut seedlings every year as a part of its routine activities. During the year 2020-21, It is proposed to procure **3.6 lakh nos** of WCT seed nuts from disease free areas for raising seedlings in coconut nurseries and farms under the department for production and distribution of quality seedlings. The cost of one WCT coconut seed nut is **Rs.70/-**. An amount of **Rs. 252.00 lakhs** is set apart towards the cost of WCT seed nuts.

Procurement will be done at selected centres under the Department of Agriculture, viz. Seed Procurement Unit, Vadakara (Kozhikode), Model Hybridization Centre, Chalode

(Kannur), Model Hybridization Centre, Chavakkadu (Thrissur) and Seed Garden Complex, Munderi (Malappuram).

d) Raising germplasm of dwarf coconut palms in selected department 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 3 units of 0.75ha (150 nos. per unit) 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.0.30 lakh is proposed for this purpose @ Rs.0.10 lakh per unit. The Principal Agricultural officers will select the farms for raising the germplasm and report.

e) Undertaking hybridization in dwarf coconut palms for DxT Hybrid Seedling production (Rs.1.50 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 and grownup to medium stature. It is proposed to undertake hybridization activities in **100 numbers** of dwarf coconut palms identified in the State for procurement of hybrid seed nuts.

Hybridization is proposed to be carried in hybridization centres under Department of Agriculture, viz. Model Hybridization Centre, Chalode, Model Hybridization Centre, Chavakkadu and Seed Garden Complex, Munderi. An amount of Rs.1.50 lakhs @ Rs.1500/- per palm is set apart for this purpose.

f) Transportation Charges of seednuts and seedlings (Rs. 15.00 lakhs)

Transportation of coconut seed nuts and seedlings from essential part of the programme. An amount of **Rs.15.00 lakhs** is set apart for this purpose.

g) Miscellaneous expenses (Rs.7.00 lakh)

An amount of **Rs.7.00 lakh** is set apart for meeting the miscellaneous expenses related to pollination, preparing inventory etc.

Supervision

All the palms selected under the programme should be periodically inspected by both Agricultural Officers and Agricultural Assistants. The Assistant Director of Agriculture at block level should closely watch the implementation of the programme and should ensure that a minimum of 10% of the plots are inspected by them. Deputy Director of Agriculture (YP) in charge of the scheme at District level should inspect 5% of the plots. The Principal Agricultural Officers of the districts should visit at least 1% of the gardens/plots. It should be ensured that the palms are selected according to the guidelines specified. In the case of

erring officers, appropriate actions should be initiated/ recommended to higher officials at state level.

Additional Director of Agriculture (Marketing) is monitoring the scheme at state level. The Principal Agricultural Officers should submit fortnightly report of the programme to the Additional Director of Agriculture (Marketing) in his name cover. Any difficulties or bottle necks in the implementation of the programme should be brought to the notice of the Director of Agriculture or Additional Director of Agriculture (Marketing) or Joint Director of Agriculture (Farms) and get it cleared then and there.

An expert committee of Director of Agriculture, Chief, Planning Board, a representative of CPCRI and KAU, Shri.R.Hali, Former Director of Agriculture a seasoned Farmer will scrutinize the implementation of the scheme.

The expenditure towards the implementation of the scheme will be met from **Rs.314.00 lakhs** earmarked for the component 'Kerasamrudhi'

Abstract of the component – Kerasamrudhi

Sl. No	Sub components	Target	
		Physical	Financial (Rs in lakhs)
a	Procurement of dwarf seed nuts @Rs.70 per seed nut	1000 no.s	0.70
b	Procurement of hybrid seed nuts @Rs.75 per seed nut	0.5 lakh no.s	37.50
c	Procurement of WCT seed nuts@Rs.70 per seed nuts	3.6 lakh no.s	252.00
d	Raising germplasm of dwarf coconut palms in department farms for hybridisation programme @ Rs,200/ seedling	150 no.s	0.30
e	Undertaking hybridisation in dwarf coconut palms for DxT hybrid seedling production. at viz. TxD Farm, Chalode, Chavakkad and Seed Garden Complex, Munderi. (@ Rs.1500/palm)	100 palms	1.50
f	Transportation charges of seed nuts & seedlings (LS)		15.00
g	Miscellaneous expenses (pollination, preparing inventory etc.)		7.00
	TOTAL		314.00

An amount of **Rs.314.00 lakh** will be utilized for the above listed activities.

3. Management of existing progeny orchards and establishment of new progeny orchards (Rs.47.36142 lakhs)

It is proposed to improve the existing progeny orchards in Special Farms and DAFs. The programme include cutting of old, senile mother plants and gap filling with new varieties of fruit crops like mango, jack, guava etc. It is proposed to implement the programme in selected farms.

Establishment of new progeny orchard involve planting new varieties of fruit plants suitable for the locality. Plants can be purchased from Kerala Agricultural University, research stations, approved nurseries etc.

Details of the component is furnished below.

Sl. No.	Particulars	Unit Cost (Rs. in lakhs)	No. of Units (ha)	Amount (Rs. in lakhs)
1	Management of existing progeny orchards (gap filling using high yielding varieties of fruit plants, pruning, providing modern irrigation facilities, plant protection, manuring etc	2	14	28.00
2	Establishment of new progeny orchard as demonstration plots, new varieties of Mango, Jack, Guava, Cashew and other fruit plants desired for the locality. Plants can be purchased from University, approved nurseries, research stations etc (land development activities, modern irrigation facilities, manuring, plant protection, purchase of planting materials etc.)	1.93575	4.4509	19.36142
	Total			47.36142

An amount of Rs.47.36142 lakhs is earmarked for this purpose.

4) Seed Production Programme in State Seed Farms (Rs.150.00 lakh)

There are 33 State Seed Farms under the Department of Agriculture They are entrusted with the task of producing good quality seeds, which are distributed to farmers mainly through Krishi Bhavans. To meet the rising demand for quality seeds, State Seed Farms should be further strengthened to increase the quantity of seeds of new high yielding varieties suitable for each locality and for different systems of cultivation. Support for purchase inputs for seed production, improving infrastructure facilities in these farms

including mechanization are essential. An amount of Rs.150.00 lakh is set apart for these activities.

a) Inputs, transportation costs, mechanization

The Seed Production Programme involves purchase of breeder seed materials from reputed institutions like State Agricultural Universities. In addition, purchase of inputs like materials for preparation of media, organic manure, biofertilisers and biocontrol agents to cover nutritional and plant protection aspects, transportation cost etc are also needed. The expenditure involved for this item may be met from the budget provision.

b) Improved Farm Mechanization programme

Farm operations like land preparation, sowing/planting, weeding and harvesting need deft hands to complete the works in a limited period of time. Shortage of skilled manpower and their limited output are major impediments in increasing seed production and farm development. Hence mechanization to be resorted to increase the output efficiency of seed farms. Various equipments and machinery like tillers and tractors, transplanter, cono weeder etc may be purchased as per requirement of each farm.

c) Infrastructure Development

Purity of seeds is a major criteria in assessing the quality of seeds. This includes absence of other crop and weed seeds, foreign materials, pest infestation etc. Each stage of production of seeds, therefore, has to be handled with utmost care and cleanliness. This necessitates establishing infrastructure facilities for post harvest operations like drying, storage etc. Majority of state seed farms do not have facilities like drying yards and seed stores which may lead to contamination during various stages of post harvest handling compromising on the quality of seeds. Hence it is proposed to establish infrastructural facilities like drying yard, seed stores and seed bins in state seed farms. In addition, development of water and irrigation structures already existing in the farms, constructing rain water harvesting structures are also proposed for providing irrigation. To ensure the viability of vegetable seeds for longer periods, cool chambers and similar facilities may also be installed.

Mode of implementation

The component 'a' mentioned above may be implemented as per requirement of each farm. Hence it is proposed to implement these components on a project mode. The farm officers in each SSF can submit a proposal incorporating the requirements under any or all these components. The proposal will be vetted and approved by a Technical Committee at district level comprising of Principal Agricultural Officer (Chairman), Deputy Director (H), 2 selected Assistant Directors of the district having experience in farm activities, Assistant Executive Engineer(Agri), and Farm Officer(s) of the district. The district level committee can vet projects upto Rs.10.00 lakhs. Funds will be allotted to the districts as per their request on a first come first served basis. Project proposals above this amount will be vetted and approved by a State-level Committee with Additional Director of Agriculture (Farms) as

Chairman with Joint Director of Agriculture (Farms), State Agricultural Engineer and Assistant Director of Agriculture (Farms) at HQ as members.

An amount of Rs.150.00 lakhs is earmarked for the component Seed Production Programme in State Seed Farms during 2020-21.

5) Operation and Technology Support to demonstration units for Hi-Tech Farming Demonstration (HTF) Units including integrated farming system models (Rs.20.00 lakhs)

The scheme mainly aims at the transformation of departmental farms to model market oriented, agricultural units. Hi Tech Farming (HTF) units have been established in 9 departmental farms with the support of State Horticulture Mission. It is proposed to implement the component 'Operational and Technology Support to demonstration units for HTF units' through Human Resource Group.

Objectives

1. To sustain the already established protected cultivation units in the departmental farms successfully by providing all the required inputs, human resource support and marketing support.
2. To appoint technical staff both offices and technical assistants on contract basis to manage the protected cultivated units effectively.
3. To impart training to the newly appointed technical staff and the technocrats of the department on the latest technologies in the field of Hi-tech Agriculture.

High Tech farming (HTF) units have been established in the following departmental farms with the support of State Horticulture Mission.

1. Coconut Nursery, Kazhakuttom
2. Sugarcane Seed Farm, Pandalam
3. District Agricultural Farm (DAF), Mavelikkara
4. District Agricultural Farm (DAF), Kozha, Kottayam
5. State Vegetable Farm (SVF), Vandiperiyar
6. Model Horticultural Farm (MHF), Kannara, Thrissur
7. Orange & Vegetable Farm, Nelliampathy
8. District Agricultural Farm (DAF), Taliparamba
9. State Seed Farm (SSF), Pulloor periya, Kasaragode

The following activities are proposed for the implementation of this project.

- a) Supply of inputs and adoption of agronomic practices in poly houses.

It is estimated that an amount of Rs.200 /sq.m is required towards the cost of cultivation including the cost of media/media preparation, planting materials, cost of other inputs, cost of cultural operation up to harvest etc. These expenses are to be provided to the concerned departmental farms to ensure flawless adoption of technologies for polyhouses. The total area of demonstration units of the

departmental farms is 4000 sq.m. and an amount of **Rs. 4.00 Lakhs @ Rs.200/sq.m.** is earmarked for this purpose.

b) Remuneration for Contract appointment of technical staff

The protected cultivation demonstration units require close observation and quick remedial measures for the problems that can arise at any time. So an officer with Bsc (Ag) qualification @ Rs. 25000/- per month and an Agriculture Assistant with VHSE (Agri) qualification / retired Agriculture Assistant @Rs.10000 per month will be appointed on contract basis exclusively for supervising/carrying out of routine activities effectively in each demonstration unit. Under this component funds provided for remuneration to contract technical staff is for 8 months only. The total amount earmarked for the contract appointment of technical staff during 2020-21 is **Rs.16.00 lakhs.**

6) Promotion of Integrated Farming system in potential department farms (Rs.10.00 lakh) Integrated Farming System is an ideal model where agriculture and allied activities are managed in tandem as a single composite unit. This mainly involves farming as the base unit with animal husbandry, poultry, fisheries, apiculture, etc. as associated components. The advantage of such a system is the optimum use of space and recycling food, water and avoiding waste of resources. Even the waste from one unit will serve as manure or even food for another. Integrated farming has the advantage that any loss in one system will be compensated by better prices/returns from others.

During 2020-21 an amount of Rs.10.00 lakhs is earmarked for the establishment of Integrated Farming Units in the farms under the Department. At least 3 activities other than crop cultivation will be included in the unit. The officer in charge of the farm shall prepare suitable proposals and get it approved by the district level committee. The cafeteria of activities that can be included with the base agriculture unit are animal husbandry, poultry rearing, pisciculture, apiculture or vermi compost/coir pith compost units.

7) Manpower Support to Tissue Culture Labs (Rs.15.00 lakhs)

Manpower support will be provided to 2 existing tissue culture laboratories under the department at BMFC Kazhakuttam and District Agricultural Farm, Anchal. Additional manpower support is provided for the full utilization of the production capacity of these two tissue culture labs.

a) Tissue Culture Lab – DAF, Anchal

The present annual production is 2 lakh numbers of tissue culture plantlets. The targeted production of tissue culture plantlets for 2020-21 is 4 lakhs with the additional provision mentioned below. The additional manpower required for the full capacity utilization of the lab is 7 tissue culture technicians, one scientist, one electrician-cum -A/C Mechanic and one housekeeper for maintaining the lab.

i. Scientist

One scientist will be posted to solve the technical problems that will periodically arise in the laboratory. The subculture stage, the sub culture media, concentration of hormones etc should be supervised by the scientist. A person having BSc (Agri) / MSc Biotechnology with minimum 5 years experience in tissue culturing of banana is to be engaged as scientist on a consolidated pay of Rs. 30000/- per month. Planning, supervision and monitoring of all the activities in the lab is will be done by the Scientist. The service of the scientist is proposed for two months and is for the critical periods of production process for the technical guidance.

ii. Tissue Culture technicians

In order to overcome the shortages of tissue culture technician to assist the TC subculture work, media preparation, hardening etc., 7 tissue culture Technicians having VHSE (Agri)/ +2 pass with Biology and having 6 months experience in TC Lab is appointed in a consolidated salary of Rs. 9000/month.

iii. Electrician cum A/c Mechanic

Maintenance of electrical equipments in the lab and maintenance of A/c unit etc. is to be done by the Electrician cum A/C Mechanic. A consolidated pay of Rs. 9000/- per month will be provided to him.

iv. House Keeper

The duties of the house keeper is to maintain the cleanliness of the lab, utensils and lab cloths etc, person with VHSE (Agri) +2 pass is to be engaged with a consolidated pay of 9000/- per month.

Abstract of DAF Anchal is as follows.

Sl. No.	Category	Rate (Rs/ month)	No. of months	Total Amount (Rs in lakhs)
1	Scientist – 1 No.	30000	2	0.60
2	TC Technicians – 7 Nos	9000	7	4.41
3	Electrician/ AC Mechanic - 1 No.	9000	3	0.27
4	House Keeper - 1 No.	9000	9	0.81
	Total			6.09 (limited to 5.00)

b) Biotechnology & Model Floriculture Centre, Kazhakuttom

It is targeted to produce 13.50 lakhs tissue culture plantlets during 2020-21 for which additional manpower (Tissue culture technicians) of 2090 man days will be provided @ Rs.350/manday. An amount of **Rs.10.15 lakhs (rounded to Rs.10.00 lakhs)** is set apart for the purpose. The remaining portion of the labour requirement can be met from the funds of other plan schemes. The required manpower to the lab may be made available by engaging persons on contract basis or on consolidated remuneration.

The total financial allocation for meeting the manpower requirement of the 3 Tissue Culture laboratories is summarized below.

Sl. No.	Name of TC Lab	Amount (Rs. In Lakhs)
1	Tissue culture Lab at DAF, Anchal	5.00
2	Biotechnology & Model Floriculture Centre, Kazhakuttom	10.00
	Total	15.00

Financial Outlay

Abstract of the components proposed under the scheme during 2020-21 is furnished below.

Sl. No.	Components	Amount (₹ in lakh)
		2401-00-104-91
1	Routine Planting material production including rooted pepper cuttings	588.25
2	Kerasamrudhi	314.00
3	Maintenance of progeny orchards & establishing new progeny orchards	47.36142
4	Seed production programme in State Seed Farms	150.00
5	Operation and technology support to demonstration units for HTF units	20.00
6	Integrated Farming System in Department farms	10.00
6	Manpower support to the TC labs	15.00
	TOTAL	1144.61142

During the current financial year, there is a budget provision of Rs.1870.00 lakhs for implementation of the scheme "Production and Distribution of Quality Planting Materials" with an amount of Rs.1870.00 lakhs under head of account 2401-00-104-91(P) and Rs.51.00 lakhs under head of account 4401-00-104-98(P). Out of this an amount of Rs.505.90858 lakhs under Head of Account 2401-00-104-91 and Rs.51.00 lakhs under Head of Account 4401-00-104-98 is allotted for encashment of pending bills of 2019-20.

In the circumstances mentioned above, continuous Administrative Sanction is hereby issued for the implementation of the scheme 'Production and Distribution of Quality Planting materials' during 2020-21 for an amount of Rs.1144.61142 lakhs (Rupees eleven crore forty four lakh sixty one thousand one hundred and forty two only), as per the above statement debiting the expenditure to the head of account 2401-00-104-91(P) from current year's budget provision and the following sub-heads:

Subheads	Amount (Rs. In lakhs)
04-TE-1-Tour TA	8.14631
34-OC	1129.45404
45-POL	7.01107
Total	1144.61142

The scheme shall be implemented abiding by the terms and conditions stipulated in the Government Order read above.

Proposals for the balance amount of Rs.219.48 lakhs under head of account 2401-00-104-91 (P) shall be submitted to Government seeking administrative sanction.

Monthly progress report pertaining to the scheme should invariably contain component wise physical and financial targets and achievements and the stage of implementation of each component.

Sd/-

Director of Agriculture

15/6/23
Deputy Director of Agriculture (Plg)
Directorate of Agriculture
Thiruvananthapuram

To

TH section of the Directorate for issue of detailed working instructions

Copy to

TA to Director of Agriculture, CA to All Additional Directors of Agriculture of the HQ, State Agricultural Engineer, Senior Finance Officer for information

IT section of the directorate for posting on the website

9/10