

Directorate of Agriculture Development and Farmers' Welfare

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No:-ADFW/3562/2021-TH1

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CIRCULAR

Sub: Annual plan 2021-22-**Manpower Support to the Tissue Culture Labs of BMFC Kazhakuttom, Thiruvananthapuram, DAF Anchal Kollam** under the Scheme "Production and Distribution of Quality Planting Materials" – Working Instruction – Issued –reg.

Ref:

1. G. O(Rt) No. 803/2017 AD dtd
19/08/2017

2. Order No. ADFW/2997/2021-TP2 dt
15.4.21 of Director of Agricultural
Development and Farmers Welfare
Department, Thiruvananthapuram

Administrative sanction has been accorded for the implementation of the component "Man power Support to the Tissue Culture Labs of BMFC, Kazhakuttom and District Agricultural Farm, Anchal, in the Scheme "Production and Distribution of quality planting Materials" Rs. 15.00 lakhs has been earmarked for this component under the **H/A : 2401-00-104-91 plan** during 2021-22. The objective of this project is to provide manpower support to the two existing Tissue Culture Laboratories under the Department of Agriculture at BMFC,Kazhakuttom, & District Agricultural Farm, Anchal . Additional manpower support is to be provided for the full

utilization of the production capacity of these two tissue culture labs.

1 . Tissue Culture Lab – DAF, Anchal, Kollam

The targeted production of tissue culture plantlets for 2021-22 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, an electrician cum A/C Mechanic and one housekeeper for maintaining the lab.

a. Scientist :-

One scientist will be posted to solve the technical problems that will periodically arise in the laboratory. The sub culture 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.

b. 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.

c. 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.

d. 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 funds earmarked for DAF Anchal is as follows

Sl No	Category	Rate (Rs / month)	No of Months	Total (Rs in lakhs)
1	Scientist -1 No	30000	2	0.6
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 lakh)

**2. Biotechnology & Model Floriculture Centre,
Kazhakuttom, Trivandrum.**

It is targeted to produce 13.50 lakhs tissue culture plantlets during 2021-22 for which additional manpower (Tissue culture technicians) of 2090 mandays will be provided @ 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 a consolidated remuneration.

The total financial allocation for meeting the manpower requirement of the two Tissue culture Laboratories is summarized below.

Financial outlay

The total financial allocation to meet the manpower requirement in the

2 TC labs are summarized below.

Sl. No.	Name of TC Lab	Amount (Rs. In Lakhs)
1	Tissue culture Lab at DAF, Anchal.	5.00

	Kollam	
2	Biotechnology & Model Floriculture Centre, Kazhakuttom, Trivandrum	10.00
	Total	15 lakhs

Details of physical targets for production of TC Plantlets 2019-

20

Sl. No.	Name of Lab	No/ Quantity
1	TC Lab in DAF, Anchal, Kollam	4 lakhs
2	TC Lab in BMFC, Kazhakuttom, Trivandrum	13.50 lakhs
TOTAL	17.5 lakhs Nos	


An amount of Rs. 15.00 lakhs has been earmarked for meeting expenses for Manpower support to the Tissue Culture Labs BMFC, Kazhakuttom, TVM & District Agricultural Farm Anchal, Kollam . Expenditure under this components should be met from the head of Account **2401-00-104-91** plan.

Monitoring

MONITORING.

Additional Director of Agriculture (Farms) will monitor the implementation of the scheme at state level. Deputy Director of Agriculture (YP) will be the implementing officer at District level and Principal Agricultural Officer should monitor the scheme effectively in each district. Reporting and official correspondence in respect of this scheme should be made to the email.id

(**agrifarmsth@gmail.com**) The Deputy Director of Agriculture who is in charge will submit a detailed progress report to the Additional Director of Agriculture(Farms)on or before 5th of every month.


28/6/21
Joint Director of Agriculture (Farms)
Directorate of Agriculture Development
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Vikas Bhavan, TVPM - 33

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DR. K. VASUKI IAS

DIRECTOR

The Principal Agriculture Officers

Thiruvananthapuram & Kollam

Copy to:

BMFC, Kazhakuttom, Thiruvananthapuram

DAF Anchal, Kollam