

Directorate of Agricultural  
Development

and Farmer Welfare Department

Thiruvananthapuram

**24/05/2021**

**CIRCULAR**

Sub:- Annual Plan 2021-22 -Scheme on  
"Production and Distribution of planting  
Materials" through Departmental Farms -  
**"Other Requirements for Routine  
Planting Material Production Including  
rooted Pepper Cuttings "**- Working  
Instructions – issued - regarding.

Ref :- 1.G.O. (Rt.) No803/2017AD TVM  
Dated 19/08/2017

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

Government of Kerala vide order cited  
as (1) had accorded administrative  
sanction for implementation of the  
project proposal for "Routine planting  
material production including rooted  
pepper cuttings". According to  
reference cited 2nd, administrative  
sanction has been accorded for the

implementation of the captioned scheme during 2021-22 with a Budget provision of Rs.650 lakhs under the head of account 2401-00-104-91 Plan.

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. Out of this Rs.100.00 lakh each is earmarked for planting material production in Idukki and Wayanad districts.

**a) Special farms and Transferred farms (Rs.494 lakhs)**

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 execution of minor works and transportation charges in special farms.
3. For meeting travel and fuel expenses.

Sl. No.	Item	Amount (Rs.in lakhs)
1	Input cost and minor works of special farms including transportation charges	396.00
2	Gap filling needs of farms transferred to LSGDs including transportation charges	80.00

3	Fuel and travel expenses	
	Tour TA	8.50
	POL	7.50
4	Operational support at HQ (conduct of review meetings, purchase of computers and accessories etc.)	<b>2.00</b>
	<b>Total</b>	<b>494.00</b>

An amount of **Rs.494 lakhs** is earmarked for this purpose.The following activities will be implemented during the current financial year 2021-22.

**(A) Input cost and minor works of special farms including transportation charges(Rs. 396 lakhs )**

The Special farms under department of Agriculture will be modernized to function not only as production centres of quality planting materials but also as centres of demonstration of advanced agricultural technologies and Good management practices. The farms will be provided with basic infrastructural facilities like green houses, poly houses, irrigation support,and sophisticatedfacilities like tissue culture labs and hardening facilities, bio-technological units, seed processing and storage facilities, fertigation units etc.

1. Purchase of newly evolved nucleus planting materials from Kerala Agricultural University, NSC, ICAR research stations and other approved institutions.



- i. Increasing the area under Progeny orchards, Bud wood nurseries and mother gardens by adding the latest developed crop varieties.
- ii. Purchase of inputs required for the existing crops and for the production of planting materials.
- iii. Development of irrigation infrastructure for augmenting irrigation coverage which can include purchase of pumpsets, laying pipelines, purchase of water tanks, construction of water tanks, installation of sprinkler system for irrigation, installation of micro-irrigation systems including drip system, sub-surface reservoir, construction of pump house & irrigation system etc.
- iv. To undertake minor works in the farm such as land development works, soil and water conservation works including water harvesting structures, construction of compound wall and other fencing works like chain linked fencing, construction of pump houses, construction of threshing yards, construction of seed stores, establishment of permanent pandals, establishment of green houses, poly house potting sheds, hardening facilities for tissue culture plantlets, purchase of Machinery and Equipments for fruit processing Units, construction of Ethylene chamber for ripening fruits, construction of Biogas plant for waste disposal, fruit processing facilities, **all repair works**, hiring of earth movers as per PWD rate, moving machine etc.

- V. Meeting other contingencies and unforeseen expenses in connection with the production of planting materials and running of the farm including transportation cost of planting materials, fuel charges of farm vehicles.

**The entire fund requirement of the special farms shall be met from Departmental sources.**

**(B) Gap filling needs of farms transferred to LSGDs including transportation charges( Rs.80 lakhs)**

**In the case of State Seed Farms, Coconut Nurseries and District Agricultural Farms, funds from the local bodies should be utilized and Departmental programmes will be restricted to filling the gaps only.**Principal Agricultural officers should take timely action to prepare suitable projects for the farms transferred to Jilla Panchayat and get sufficient funds for the implementation of the projects from Jilla panchayats. In the case of transferred farms which are not getting sufficient funds from the concerned LSGDs , the fund allotted for special farms can also be utilized.

**(B)Production of rooted pepper cuttings(Rs. 156 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 43.33 lakh nos. of rooted pepper cuttings in department farms during 2021-22. 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 43.33 lakh nos. and **Rs.130.00 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 and other planting materials and produce of farms, have to be transported to various Krishi Bhavans in the State. Cost of transporting inputs etc to farms can also be met from this. An amount of **Rs. 26.00 lakhs** is provided under the scheme, for this purpose.

The total fund requirement for the production of rooted pepper cuttings, including transportation cost of Rs.156.00 lakhs will be met from Head of Account 2401-00-104-91 plan.

The district wise physical and financial target are furnished below.

S l. n o	Dt	Fund for s pecial l far ms	Fund for tr ansfe rred f arms	Production of rooted p epper cutti ngs	Trans porta tion c ost	TA	POL	Total Amt.t o Dist rict
		(Rs l akhs)	(Rs l akhs)	Phy(l akh No.s)	financ ial(la kh Rs	(Rs l akhs)	(Rs l akhs)	(Rs la khs)

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1	TVM	30	3.8	5	15	1.2	0.8	0.75	51.55
2	KLM	18	3.5	2.83	8.5	0.3	0.8	0.7	31.8
3	PTA	35	3.5	2.5	7.5	1.413	0.3	0.4	48.1
4	ALPY	45	5.5	3	9	1.5	0.75	0.4	62.15
5	KTM	0	4	1.5	4.5	0.5	0.3	0.4	9.7
6	IDK	25	4	8	24	10.9	0.6	0.4	64.9
7	EKM	0	6.5	3	9	3	0.75	0.5	19.75
8	TSR	30	3	4	12	1.25	0.75	1	48
9	MPM	40	5	1	3	0.75	0.75	0.8	50.3
10	PKD	110	4.2	5	15	2.5	0.85	1	133.55
11	KKD	0	17	1.5	4.5	1	0.55	0.5	23.55
12	KNR	35	16	4.5	13.5	0.7	0.6	0.25	66.05
13	WYD	18	0	0	0	0.3	0	0.2	18.5
14	KSGD	10	4	1.5	4.5	0.7	0.7	0.2	20.1
15	HQ								2.0
16	TOTAL	396	80	43.33	130	26	8.5	7.5	650

**DETAILS OF BUDGET PROVISION**

The budget provision of **Rs.650 lakhs** provided under the Head of account: **2401-00-104-91 Plan** will be utilized for implementing the following components.

Sl No	Components	Amount in lakh2s
1	Input Cost and minor works for special farms including transportation works	396.0
2	Gap filling needs of farms transferred to LSGD including transportation charges	80.0
3	Fuel and Travel expense	
	Tour TA	8.5
	POL	7.5
4	Operational support at HQ	2.0
5	Cost of production of 43.33 lakh rooted pepper cuttings	130.00
6	. Transportation cost - 26 lakhs	

**TOTAL-**

**650 lakhs**

The amount for operational support at HQ(Rs.2.0 lakhs) is provided for meeting the expenses in connection with the farm officer's meetings , purchase of computer, printer ,scanner and other accessories for the smooth functioning of TH section at Directorate and other miscellaneous expenses of the HQ.



The following instructions are issued for strict compliance.

### **1. Production of planting materials**

This scheme for Agricultural Farms is primarily intended to augment production of planting materials in the departmental farms which is the basic input for agriculture and which eventually play a vital role in the food security of the state . Hence maximum attention should be given to this component. The quality of these planting materials ie.seeds, seedlings, grafts , layers ,rooted cuttings ,tubers and tissue culture plants should be assured and timely distribution should be done. Receipts of the farm can be augmented substantially only by increasing the production of planting materials.

### **2. Expansion of area under progeny orchards, mother gardens**

The farm officers should take necessary steps for expansion of area under existing progeny orchards and mother gardens of coconut by planting newly evolved planting materials from the research stations. As there is an acute shortage of quality mother plants for production of nutmeg grafts and clove seedlings in the farms, new progeny orchards of these crops has to be established.

Necessary action should be taken to remove /prune the senile, unproductive and uneconomic trees/palms from the farm and replace them with quality seedlings in a phased manner observing the formalities. Rooted pepper cuttings should be planted around all the miscellaneous trees in the farm with a view to increase mother vine production. To increase the

production of rooted pepper cuttings area under "Rapid Multiplication of Pepper " should be increased. The area under vegetables and tuber crops should also be increased. New and improved varieties of tuber crops from CTCRI and other institutions should be procured for multiplication and distribution to farmers.

### **3. Purchase of farm inputs**

Action should be initiated to procure various inputs required for the farm for the maintenance of all the existing crops and plantations as well as for the production of planting materials. These include cost of seeds, fertilizer, farm yard manure, green manure seeds, Plant Protection Chemicals, implements, poly bags, sand, earthen pots etc. and other inputs related with planting material production as well as petrol / diesel for running of farm vehicles, repair and maintenance of electrical equipments, machineries and pumpsets which are inevitable for the smooth functioning of the farm. As far as possible, green protocol may be followed in all farm activities.

This provision can be utilized for the purchase of pump sets, modern agricultural machineries, sintex type water tanks, raw materials for repair works, water harvesting structures etc. based on availability of funds. Establishment of solar pumpsets should be given importance in convergence with Central Sector Schemes.

### **4. Undertaking minor works in the farm**

Increasing irrigation facilities & development of infrastructure will be given maximum priority under this component. Installation and repair of Sprinkler & Drip systems,

Laying of pipe lines, construction of water tanks, green houses and mist chambers, creation of hardening facilities for tissue culture plants, establishment of fruit processing units, vermi compost units, fertigation units etc can be undertaken. Funds for various works can also be sourced from RKVY/RIDF and others in addition to the Agricultural Farms Scheme by submitting detailed project proposals to this office duly recommended by DDA (YP) and Principal Agricultural Officer .

The following general instructions are also issued:-

- a. Water conservation measures such as water harvesting structures should compulsorily be adopted in all the farms.
- b. Production of vermi compost should invariably be done in all farms.
- c. Seed production is to be done as per Seed Act & Seed Rules under the strict supervision of concerned officers to ensure the quality of seed materials.
- d. Care should be taken to use notified varieties of seeds and planting materials for further multiplication in Departmental farms.
- e. All purchases should be done according to SP rules except in the case of planting materials.
- f. Tender/Quotations for purchasing inputs should be invited according to the requirements well in advance.
- g. Timely action should be taken for distribution of planting



materials, disposal offarm produce, unserviceable items etc.

h. Action should be taken for annual verification of stock and stores of the farms.

i. In all farms integrated nutrient management practices should be adopted

for crop production based on soil test recommendations.

j. Scientific management as per Package of Practices should be adopted for all crops in farms.

k. In State Seed Farms where third croppaddy is not raised ,pulses/green manure crops/vegetables/ sesamum /groundnut should be raised.

L Application of Green manure, use of bio-fertilizers, bio-pesticides etc may be given due consideration. The fertilizer and soil Ameliorants application must be done based on soil test recommendation only.

m.The farm office and premises should be maintained beautiful enough to attract visitors and farmers.Display of sample items of planting materials ,maintaining cultivation lines of vegetables, fruits,ornamentalplants and medicinal plants where visitors can watch and be motivated to venture into agriculture is another motive of Government farms. The establishment and maintenance of live crop museums & variety collections of

traditional seeds should be done.

n Care should be taken to undertake sales and supply of various types of planting materials and farm produces including participation in exhibitions outside the farm for boosting sales.

o. Each planting material should be labelled before distributing from the farm. (Tagging of planting materials)

p. Allotments under TA and POL can be utilized for all farms.

### **Other organizational and administrative matters**

The Principal Agricultural Officer at District level will be the overall supervising officer of the scheme. Dy. Director of Agriculture (YP) will be the implementing officer at the District level. He/she should conduct minimum 2 visits in a month to all farms and assess the progress of implementation of the scheme and will also make necessary arrangements to procure newly evolved planting materials required by the farm officers from various sources in time. The Monthly farm inspection report of DDA (YP) should be submitted to Director of Agriculture on or before 10<sup>th</sup> of every month. Copy of approved forecast of expenditure of each farm in the district should be furnished to the Director of Agriculture in the name cover of Addl. Director of Agriculture (Farms). The Deputy Director of Agriculture (YP) will convene meetings of all farm officers and the AEE (Agri.) in the District every month and review the progress achieved in implementation of farm

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schemes and convergence of projects including SHM, RKVY, RIDF, District Panchayath programmes etc. and construction works. Copy of the minutes should be forwarded in the name cover of Additional Director of Agriculture (Farms).

The Monthly Progress Report of the Farms should be submitted to the Additional Director of Agriculture (Farms) on or before 5<sup>th</sup> of every month.

**D R. K. VASUKI IAS**

**DIRECTOR  
AGRIDIREDTORATE**

*1/11/2021*  
*see (S/V)*  
Joint Director of Agriculture (Farms)  
Directorate of Agriculture Development  
& Farmer's Welfare Department  
Vikas Bhavan, TVPM - 33

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