

CIRCULAR

Sub:- Annual Plan 2020-21 -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/489/2020-TP2 of Director of Agriculture Development and Farmers Welfare Department, Thiruvananthapuram.

Administrative sanction has been accorded for the implementation of the captioned scheme during 2020-21 with a Budget provision of Rs.588.25 lakhs. According to reference cited 2nd it is proposed to implement the Scheme Component during 2020-21 for an amount of Rs. 588.25 lakhs from 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. **(Rs.588.25 lakhs)**

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.

**(A) Input cost and minor works of special farms including transportation charges
(Rs. 335.19262 lakhs)**

The following activities will be implemented during the current financial year 2020-21.

- i. The **Special farms** under department of Agriculture will be modernized to function not only as production centers of quality planting materials but also as centers of demonstration of advanced agricultural technologies and Good management practices. The farms will be provided with basic and sophisticated infrastructural facilities like green houses, poly houses, irrigation support, tissue culture and hardening facilities, bio-technological units, seed processing and storage facilities, fertigation units etc.
- ii. Purchase of newly evolved nucleus planting materials from Kerala Agricultural University, NSC, ICAR research stations and other premier institutions.
- iii. Increasing the area under Progeny orchards, Bud wood nurseries and mother gardens by adding the latest developed crop varieties.
- iv. Purchase of inputs required for the existing crops and for the production of planting materials.

- v. 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.
- vi. 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.
- vii. 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 gap filling needs of farms transferred to LSGD, etc.

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. 23.65 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. In case of transferred farms which are not getting sufficient funds from the concerned LSGDs , the fund allotted for special farms can also be utilized.

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(B) Production of rooted pepper cuttings (Rs. 212 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 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. 12.00 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.212.00 lakhs will be met from Head of Account 2401-00-104-91 plan.

Main components under this programme include.

1. Production and distribution of 66.66 lakhs nos rooted pepper cuttings	-Rs. 200.00 lakhs
2. Transportation cost	-Rs. 12.00 lakhs
Total	- Rs. 212 lakhs

Total no of 66.6 lakhs rooted pepper cuttings will be produced with a financial allocation of Rs.200 lakhs.

The district wise physical and financial target are furnished below.

Allocation of funds under scheme component on Routine production of planting materials in farms - 2020-21											
Total amount : Rs. 588.25 lakhs							Head of Account - 2401-00-104-91-P				
Sl. No	Name of District	Special farms (inputs requirements, minor works, transportation, etc)	Transferred farms (Gap filling needs including transportation)	Cost of production of rooted pepper cuttings		Transportation Cost of Pepper	TA	POL	total amt given to districts	amt reserved at HQ	GRAND TOTAL
		Target(Rs. In lakhs)	Target(Rs. In lakhs)	Phy target (nos in lakhs)	FinTarget (Rs. In lakhs)	Target(Rs. In lakhs)	Target(Rs. In lakhs)	Target(Rs. In lakhs)	Rs in lakhs	Rs in lakhs	Rs. in lakhs.
1	TVM	34.26000	2.00	6.50	19.50	0.50	0.65000	0.55000	57.46000		
2	KLM	10.07000	1.50	5.50	16.50	0.25	0.60000	0.55000	29.47000		
3	PTA	30.94000	1.50	3.50	10.50	1.00	0.50000	0.65000	45.09000		
4	ALPY	31.62000	0.50	3.50	10.50	0.75	0.50000	0.50000	44.37000		
5	KTM	0.00000	2.72	4.00	12.00	0.50	0.65000	0.55000	16.42000		
6	IDK	32.55000	2.00	10.50	31.50	2.00	0.55000	0.45000	69.05000		
7	EKM	0.00000	4.28	4.00	12.00	1.00	0.38390	0.60000	18.26390		
8	TCR	27.25262	1.50	4.66	13.98	1.25	0.85000	0.75000	45.58262		
9	PKD	90.38000	1.00	5.50	16.50	1.50	0.92142	0.82008	111.12150		
10	MPM	33.51000	1.00	6.00	18.00	1.25	0.95000	0.65000	55.36000		
11	KKD	0.00000	3.15	5.00	15.00	0.50	0.65000	0.50000	19.80000		
12	KNR	23.52000	1.50	5.50	16.50	1.00	0.59099	0.39099	43.50198		
13	KGD	16.09000	1.00	2.50	7.52	0.50	0.35000	0.05000	25.51000		
14	WYD	5.00000	0.00	0.00	0.00	0.00	0.00000	0.00000	5.00000		
	Total	335.19262	23.65	66.66	200.00	12.00	8.14631	7.01107	586.00000	2.25	588.25

2. Transportation cost

The rooted pepper cuttings produced in farms, Kerala Agricultural University and other are to be procured and transported to various Krishi Bhavans in the state for which an amount of Rs. 12.00 lakhs is provided under the scheme. The amount incurred for transportation can be used for transporting rooted pepper cuttings, other planting materials and transportation of inputs etc., that produced in our departmental farms. The amount will be allotted to Principal Agricultural Officers as per request.

The superintendents /Senior Agricultural officers of the farms will take action for the production of rooted pepper cuttings in their farms. The expenditure for this scheme will be met from the Head of Account 2401-00-104-91- plan

DETAILS OF BUDGET PROVISION

The budget provision of **Rs.588.25 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 lakhs
1	Input Cost and minor works for special farms including transportation works	335.19262
2	Gap filling needs of farms transferred to LSGD including transportation charges	23.65
3	Fuel and Travel expense	8.14631
	Tour TA	7.01107
	POL	2.25
4	Operational support at HQ	200.00
5	Cost of production of 66.66 lakh rooted pepper cuttings	12.00
6	Transportation cost	
	Total	588.25

The amount for operational support at HQ(Rs.2.25lakhs) 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 include seeds, seedlings, grafts and layers and others. Maximum attention should therefore be given to this

component. The receipts of the farm can be augmented substantially only by increasing the production of planting materials.

2. Expansion of area under progeny orchards, mothergardens

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 nutmeg graft and clove seedling production in the farms, new progeny orchards of these crops has to be established in departmental farms.

Necessary immediate action should be taken to remove the senile, unproductive and uneconomic palms/trees 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 of RMP pepper should be increased. The area under vegetables and tuber crops should also be increased.

Since there is a high demand for high quality mango ,jack graft varieties all over the state, special emphasis should be given for expanding area under mango & Jack progeny orchards. In most of the farms large area is still left uncultivated which can be utilized for this purpose. As graft production programme is highly remunerative, due consideration should be given for this programme.

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 and sheets, sand, earthen pots etc. and other inputs related with planting material production as well as petrol / diesel for running of farm vehicles and maintainance

of electrical equipments, machineries or pumpsets which is strongly needed for the smooth functioning of the farm.

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.

4. Undertaking minor works in the farm

Increasing irrigation facilities & development of infrastructure will be given maximum priority under this component. Installation of Sprinkler & Drip systems, Laying of pipe lines, construction of water tanks, erection of 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.

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 productions 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 of farm 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 for third crop where paddy 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. Effort should be taken for the development of the farm office premises to attract and motivate the visitors and farmers by display and exhibition of sample items of planting materials and a few cultivation lines of vegetables, fruits, ornamental plants and medicinal plants and for the establishment and maintenance of crop museums & variety collections.
- 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 labeled before distributing the same 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 10th 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 schemes and 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 5th of every month.

Sd/-

Director of Agriculture

Copy to

- All principal Agricultural officers
- All Farm Officers
- Planning Section

[Signature]
15/2/20
Joint Director of Agriculture (Farms)
Directorate of Agriculture Development
& Farmer's Welfare Department
Vikas Bhavan, TVPM - 33