

No. TH(2)13044/2020

Directorate of Agricultural Development &
Farmers Welfare,
Thiruvananthapuram, Dated: 19/9/2020

CIRCULAR

Sub : Annual Plan 2020-21-Scheme for Development of Fruits, Flowers and Medicinal plants-Component ' Development of Fruits' –Production of planting materials and infrastructure development in farms- Head of Account 2401-00-119-79 Plan –Production of planting materials of indigenous mango and other fruit plants varieties- Working Instructions issuing of- regarding.

Ref:

- 1)GO(Rt)No.446/2020 Agri dated 22/5/2020
- 2)GO(Rt)No.506/2020/Agri dated 9/6/2020 of Agri (PB) Department.
- 3) This office circular of even no. dt.17/8/2020

Production cost of seedlings

An amount of Rs.466 lakh is set apart for meeting the production cost of planting materials of fruit plants in departmental farms. Departmental farms being the major producer of quality planting materials of fruit plants under Government sector, It is targeted to produce 60 lakh number of quality planting materials of 21 ethnic and exotic fruit plants suited for the 23 AEU in departmental farms for distribution during 2021 planting season, which starts from first week of June 2021. Production of planting materials of fast depleting local varieties of mango is proposed in the working instructions issued vide reference (3) above. The detailed instructions for carrying out the same is issued as follow

Kerala is well known for some traditional varieties of fruit plants. Many of our native as well as wild genotypes and land races were

overlooked, left unattended and become fast disappearing due to monocropping of cash crops, over exploitation, illicit felling for various purposes and negligence due to preference over high yielding cultivars. Mango is preferably an out crossing species and therefore the species possess high level of intra specific variations. Each district has its own iconic varieties of mango such as kotturkonam in Thiruvananthapuram, valiya kilichundan in Pathanamthitta, Moovandan in Ernakulam, Mayilpeeli in Thrissur, Kunhimangalam, Kuttiattur etc. in Kannur which were identified by different studies conducted by KAU, JNTBGRI, Forest department etc. Some of these varieties are fast depleting. The existing native fruit types especially those reared in the homesteads need to be protected and an all round holistic approach for conservation and sustainable utilisation of native fruit varieties in the state is required.

Activities Proposed

The project would be implemented with the active participation of farm officers and field level staff at krishibhavans. A virtual cadre of interested officers can be formed and training given for the implementation of the programme. The service of experts from Kerala Agricultural University, experienced farmers of the locality, voluntary organisations etc. can also be utilized.

A. Identification of mother plants

A participatory approach is proposed for the identification of mother plants having true to type characters of the specified variety. Technical know how and experience of scientists of KAU, farm officers, expert farmers etc can be utilised for the identification of mother plants of a variety having true to type characters.

B. Tagging of mother plants for traceability

Geo tagging of the selected mother plants will be done by bar coding/unique numbering. This should be done with the help of contract staff (field assistant SHM) and field staff of Krishibhavan.

C. Multiplication/Production of planting materials

The fruit varieties on the verge of extinction would be mass multiplied with the support of farmers, Kudumbashree, voluntary organisations, youth club etc. Grafting, the most reliable and economic method of propagation in mango would be practiced for the multiplication.

It is proposed to prepare 40000 nos. of grafts of promising local fruit varieties which are popular in the area.

Departmental farms will be entrusted for the multiplication of such varieties and popularise through production of more planting materials under One crore fruit plant scheme.

The root stock for grafting will be raised in Departmental farms. The scions for grafting will be selected from the identified mother fruit trees with the help of skilled labourers of farms with the supervision of technical staff of the department. The suitable scions shall be procured at proper time. All the parameters for the selection of scions from the progeny orchards of farms shall be observed while selecting scions from farmers field. Care should be taken for the collection of scions at the correct stage and transporting them to the farms for successful grafting.

d. Planting grafts in farmers field, public places etc

The grafts of desired local varieties can be planted in farmers fields, homesteads, departmental farms, avenues and other public places for conservation purposes. The care and maintenance of grafts planted in public places shall be entrusted with MGNREGS, Kudumbasree, voluntary organisations, biodiversity clubs etc.

Cost of Production of planting materials-Rs. 20 lakh

It is estimated that an amount of Rs. 20 lakh is required as production and management cost of 40000 nos. of grafts of fruit plants. This is inclusive of input cost viz. cost of seeds for rootstock production, cost of scions @ Rs. 5/scion, purchase of polythene items, sand, soil, cowdung etc., transportation cost, management expenses, unforeseen expenses, tagging of grafts for traceability etc.

In the annual plan 2020-21, an amount of Rs. 3125 lakh is set apart for the scheme 'Development of fruits, flowers and medicinal plants 2020-21' under Head of account 2401-00-119-79 Plan. Out of this Rs. 2900 lakh is set apart for the component 'Development of fruits'. Under development of fruits, an amount of Rs. 466 lakh is provided for meeting the production cost of planting materials of fruit plants in departmental farms. From this Rs. 20 lakh is set apart for the production of planting materials of traditional/local varieties of fruit plants which can be distributed under 'distribution of one crore planting materials envisaged under Fruit Development programme. The following amounts are allotted to Principal Agricultural Officers for the implementation of the component.

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PHYSICAL AND FINANCIAL TARGETS

Sl.no.	District	AEU no.	Physical Target(no. of grafts of local varieties of fruits)	Financial Target(Rs. in lakh)
1	TVM	1,14	2500	1.25
2	KLM	3,9,12	2500	1.25
3	PTA	9	2000	1.0
4	ALPY	3	2500	1.25
5	KTM	9	2500	1.25
6	IDKY	12,16	2500	1.25
7	EKM	9,12	2500	1.25
8	TSR	2,6,10,14,15	3000	1.5
9	PKD	10,13,14,22,23	3000	1.5
10	MLPM	2,11,15	2500	1.25
11	KKD	2,11,15	2500	1.25
12	KNR	11	10000	5
13	KSGD	2,11	2000	1.0
	TOTAL		40000	20.0

(Rupees Twenty Lakh only)

All the guidelines and instructions issued vide circular referred (3) above should be strictly followed.

Sd/-

Director of Agriculture

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

To

All Principal Agricultural Officers(except Wayanad)

Copy to

All Additional Directors & Joint Directors of Agriculture(HQ)

Deputy Director of Agriculture (IT) for publishing in the website

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